

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND APPARATUS FOR MANAGING OBJECTS IN A CLIENT-SERVER COMPUTING SYSTEM ENVIRONMENT

the specification of which (check one)

is attached hereto.

was filed on _____ as United States Application

Number or PCT International Application No. _____

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Not Claimed</u>	<u>Certified Copy Filed?</u>
<u>YES</u>	<u>NO</u>			
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) _____ (Filing Date) _____

(Application Number) _____ (Filing Date) _____

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

Barry W. Chapin, Esq.	Reg. No. 39,934
David E. Huang, Esq.	Reg. No. 39,229
J. Scott Southworth, Esq.	Reg. No. 39,382

all of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

and _____

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to: Barry W. Chapin, Esq.

Chapin & Huang, L.L.C. Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

Direct telephone calls to: Barry W. Chapin, Esq. Telephone No.: 508-366-9600

Direct facsimiles to: Barry W. Chapin, Esq. Facsimile No.: 508-616-9805

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Paul J. Russell

Inventor's Signature Paul Russell Date 11/2/2000

Residence 17 Egerton Street

Arlington, Massachusetts 02474

Citizenship United States

Post Office Address Same as above

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Paul J. Russell

2. Name and address of receiving party(ies)

Name: Cisco Technology, Inc.

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: November 2, 2000

Street Address: 170 West Tasman Drive

City: San Jose State: CA ZIP: 95134

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: November 2, 2000

A. Patent Application No.(s)

11/01/2000 JBALINAN 00000033 09704488
04 FD:581

B. Patent No.(s)

40.00 op

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Barry W. Chapin, Esq.

Internal Address:

CHAPIN & HUANG, L.L.C.

Street Address: Westborough Office Park

1700 West Park Drive

City: Westborough State: MA ZIP: 01581

6. Total number of applications and patents involved: [1]

7. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

Enclosed with application filing fee

Authorized to charge any deficiencies or credit any overpayment to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-0901

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barry W. Chapin

Name of Person Signing

Barry W. Chapin

Signature

November 02, 2000

Date

Total number of pages including cover sheet, attachments, and document: [3]

Docket No. CIS00-3505
Sole

ASSIGNMENT

WHEREAS, I, Paul J. Russell have invented a certain improvement METHODS AND METHODS AND APPARATUS FOR MANAGING OBJECTS IN A CLIENT-SERVER COMPUTING SYSTEM ENVIRONMENT described in an application for Letters Patent of the United States, the specification of which:

[X] is being executed on even date herewith and is about to be filed in the United States Patent Office;

[] was filed on _____ as Application No. _____;

[] was patented under U.S. Patent No. _____ on _____.

WHEREAS, Cisco Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California and having a usual place of business at 170 West Tasman Drive, San Jose, California 95134-1706 desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and

charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor: 
Paul J. Russell

State/Commonwealth

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Paul J. Russell** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____

2 day of November 2000

Notary Public

(SEAL)

Dorothy R. Fortin (print name)

My Commission expires 10/04/2003